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# ABSTRACT OF THE DISCLOSURE

To provide a method of efficiently removing  
excitation light in a device for measuring fluorescence  
emitted from samples on a measuring surface of a  
5 substrate while illuminating the samples with  
excitation light.

The method is a fluorometry characterized in that  
an excitation light illumination portion where the  
samples are illuminated with the excitation light and a  
10 light detecting portion where measurements are made of  
the fluorescence are placed in such a manner as to make  
it possible to prevent the excitation light from  
approaching the light detecting portion, and

measurements of the fluorescence emitted from the  
15 samples on the measuring surface of the substrate are  
made in such a manner as to relatively move the samples  
from the excitation light illumination portion to the  
light detecting portion after illuminating the same  
with the excitation light.

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